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ABSTRACT

A method for deriving a reverse model
look-up table whose entries represent device
dependent colors as a function of device independent
5 colors, based on a forward model look-up table whose
entries represent device independent colors obtained
in response to printout of corresponding device
dependent colors. For each device independent
target color, a binary search of the forward model
10 look-up table is performed so as to locate a cell
that contains the device independent target color.
The grid points from the forward model look-up table
that define the cell are interpolated so as to
obtain device dependent colors corresponding to the
15 device independent target color. The device
dependent color is stored at the grid point for the
reverse model look-up table at a position
corresponding to the device independent target
color.

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